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THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL

Vol. 5.

HUNTSVILLE, ALA., DECEMBER, 1897.

No. 12



To Nurserymen, Florists and Seedsmen.

Jackson & Perkins Co.,

Newark, Wayne Co., New York.

Growers of choice specialties for Nurserymen and Dealers.

NOVELTIES:

Yellow Rambier Rose. The only Hardy Yellow Climber.

Lord Penzances Hybrid Sweet Very valuable and pleasing Brians novelties.

Cumberland (Trade Mark) Rasp-The largest black-cap known.

Free plates of these valuable novelties furnished to all reliable houses who will handle them. Handsome descriptive circulars at less than cost.

ROSES, new and old. A splendid stock of strong field grown plants, on their own

roots and budded.

CLEMATIS, largest stock in this country. Strong 2-year plants; MME. ED. ANDRE, the new red, and all the best older sorts.

Splendid blocks of Hy-SHRUBS. DRANGEA P. G. and JAPAN SNOWBALL, as well as a good assortment of other standard kinds.

ORNAMENTAL TREES, GOOSEBERRIES, PLUMS, PEACHES, ASPARAGUS, BLACKBERRIES, CHERRIES, RHUBARB, RASPERRIES, QUINCES, CURRANTS, APPLES, ETC., ETC.

We have a large stock of extra fine strong trees, guaranteed free from scale or disease, and we

will not be undersold.

Trade List will be mailed soon. If not received early this month, write us for it.

> Jackson & Perkins Co., Newark, New York.

My seedlings are grown on our new UPLAND PRAIRIE, and I am expecting some very fine plants, which I shall be pleased to quote in large or small lots.

Have been growing seedlings for the past eighteen years, and you can depend on good grades and packing.

All seedlings guaranteed to arrive in good condition. Address

J. A. GAGE.

FAIRBURY, NEB.

FRANK HANCOCK.

MATHERS, WISCONSIN.

-DEALER IN-

I am absolutely the only dealer in this vicinity who owns the swamp from which the moss is taken, and I personally superintend getting out the moss for my customers. I can therefore guarantee my moss to be of the very best quality and the bales to be of the largest size. Moss can be supplied in any quantity desired either in bulk or in bales Be sure to get my prices before placing your orders elsewhere.

ENVELOPES of every kind, size and quality, at Factory Prices. Send your samples and

get quotations and save from 10 to 50 per cent. Order in time to have them sent by freight. other Printing, Lithographing, Engraving or Blank Books you may require can be sent at same time, at an equal saving in price. Send for Price-List of Stock Nursery Forms

VREDENBURG & KARLE, ROCHESTER, N. Y

Apple Trees. Apple Seedlings.

Grades High.

Careful Handling.

Experienced Packing.

Car Lots a Specialty.

F. W. WATSON & CO.,

(2351)

TOPEKA, KAN.

CAMPBELL'S EARLY Seeds Need Not Be Swallowed.

"First of all Grapes," says Rural New-Yorker. Scaled 96 points in possible 100. "Will ship round the world." Early or Late. Insist on our Seals and get what you buy, Largest stock of other Grape Vines, Small Fruits. Elegant Catalogue FREE

CEORCE S. JOSSELYN, FREDONIA, NEW YORK.

NURSERYMEN'S CALIPER--% SIZE.



This is the most practical Caliper in use for grading trees. It is made of steel bra s handsomely nickel plated. It answers also as a rule, its length is exactly six inches and its width two inches. Price 50 cents each; \$2.50 for six; \$5.00 per dozen, postpaid. For sale by dealers in Nurserymen's requisites, or orders may be sent direct to

W. F. HEIKES, Manager,

Huntsville, Ala.

BUY THE BEST.

WHITNEY'S IMPROVED

Western Tree Digger.

Manufactured by

N. A. WHITNEY.

FRANKLIN GROVE, LEE CO., ILL

Seud for Prices.

The Fractical Nurseryman

Is the best advertising medium for Nurserymen. It does not depend upon subscriptions, but goes monthly to a select list of 2300 names of Nurserymen, made up of customers and correspondents with whom we have had business relations for many years.

W. F. HEIKES, MANAGER,

Huntsville, Ala.

SHENANDOAH NURSERY

HEADQUARTERS FOR

SEEDLINGS. APPLE

LARGEST STOCK IN THE WEST.

Pear, Plum and Cherry Stocks.

Osage Orange, Russian Mulberry and Forest SEEDLINGS Nursery Grown

Apple, Pear, Plum, Peach and Cherry Trees by the car load. Acres of Shade and Ornamental Trees of all sizes. Small Fruits, Ornamental Shrubs and Evergreens in quantity to suit the purchaser.

SCIONS, large surplus. GRAFTS of any style made to order.
Our stock has made a fine growth and is free from all injurious insects, and includes all the leading varieties and will be graded up to the highest standard grades. WRITE FOR PRICES.

D. S. LAKE, Prop., Shenandoah, Iowa.

November 15th to December 15th.

Between the above dates is the best and safest time to get into your cellars the supply of Apple Seedlings that you want for Winter use. The bulk of the Apple Seedlings used are shipped out during the thirty days following November 15th.

We have a good supply of well-graded, carefully handled seedlings in both the straight and branched grades.

We invite all who have not bought to get our prices before placing their order, not only on Apple Seedlings, but all other kinds of FRUIT TREE STOCKS.

JACKSON COUNTY NURSERY CO...

(Jackson County) Lee's Summit, Mo.

YELLOW RAMBLER.

Very fine, strong, field-grown plants on their own roots. Two to four feet, cut back to 24 inches. Price per 10, \$1.75; per 100, \$16.00; W. F. HEIKES, Manager, per 1000, \$150.00. Address

Huntsville, Ala.

Northern Orders For Spring.

This list quotes lowest prices for Spring shipment, subject to change without notice, until orders are accepted. We invite cor-W. F. HEIKES, Manager. respondence.

THE PRACTICAL NURSERYMAN.

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HUNTSVILLE, ALA., DECEMBER, 1897.

No. 12

THE PRACTICAL NURSERYMAN.

PUBLICATION OFFICE:

HUNTSVILLE.

ALABAMA.

W. G. DICKSON, PRINTER.

W. F. HEIKES, Editor and Manager.

Issued Monthly. Sent only to those in the trade. We do not solicit subscriptions. If you value The Practical Nurseryman, please accept it with our compliments. Our circulation covers a list of 2,300 selected names of customers and correspondents, made up through many years of active wholesale business. Every name represents a buyer of nursery stock, and this list contains only the names of those who buy at wholesale.

Duy at wholesale. Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Advertisements must be handed in one week before the day of publication. Advertisements for less than \$5.00 will not be accepted. Discounts: 3 times 5 per cent.; 6 times 10

per cent.; 12 times 25 per cent.
The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seeds-men, and only invited advertisements of articles pertaining specially to these trades will be nserted.

Aerating the Soil.

As far as we can judge from horticultural literature, the knowledge gained a generation or two ago, that the roots of plants require air as well as the leaves, has almost died out. Taking up the gardening papers of that period we find articles from the present head of the Experimental Garden at Washington, Mr. Wm. Saunders, showing the absolute necessity of aerating the soil in order to get the best results for cultivation; and this idea was taken up and reiterated everywhere until it seemed to be generally prevalent. At that time it was difficult to find a gardener of any intelligence but who seemed to thoroughly understand the point. It was chiefly to this end that advantage was found in under-draining. There was a time, when placing drains under the surface was started, that it was laughed at by the "practical man."
"Draining the ground!" said he; "why, the ground gets as dry as dust in the summer time, and everything dies out for the under-draining was more for the pur- estate, Ferry Side, Wales,-the

pass rapidly through the earth into the under-drains the air followed; and in this way the atmosphere was believed to do its full share of the work required. In like manner rolling the ground after seeding was not so much for the purpose of pressing the ground tight, but for pulverizing the clods, forming thousands of small air spaces where none existed before. Is is in this line, indeed, that we have to look for the death of trees, which often follows filling up with earth over their roots. When the filling is done with earth full of broken bricks or stones, or with pure sand or gravel, the tree does not die, although the filling may be several feet in depth; but when filled with ordinary clay soil death almost always follows. In the former case air is still conveyed for the use of the roots; in the latter case the air is excluded. It is for the same reason that trees are killed by a sudden overflow of water in the summer time. Being absolutely under water, the air is completely excluded. It is the absence of air which causes their death. If the cultivator would thoroughly understand the advantage of air about the roots much greater success would follow his efforts than is frequently in evidence .-Meehans' Monthly.

Australian Apples.

Australia is found to be such a favorite home for the apple that immense orchards have been planted and are now in successful bearing. They find they can get them to England and still successfully compete with Americans in a financial sense. Nearly a hundred thousand cases had been received in England up to the first of June, the bulk of them coming from Tasmania. One great advantage they have is in their period of ripening, as the English markets can be supplied after the American apples have disappeared.—Meehans' Monthly.

Women Gardeners.

It was a bold move to open the Royal Gardens at Kew to women students as well as to young men. But the women graduates are making their mark. want of water. Why should we drain of them has been appointed head garaway the little water that it holds?" But dener to J. Brogden, Esq., of the "Iscoed" pose of admitting air to the soil than woman, we believe, to get an appointwater. When the water was allowed to ment in this new field .- Meehans' Monthly.

The Huntsville Wholesale Nurseries.

JESSIE S. MOSS, PROPRIETOR.

W. F. HEIKES, MANAGER.

REFERENCES: W. R. Rison & Co., Bankers, Huntsville, Ala., and the Mercantile Agencies

ADDRESS ALL CORRESPONDENCE TO

W. F. HEIKES, MANAGER, HUNTSVILLE, ALABAMA.

Fall of 1897 and Spring of 1898.

ENTOMOLOGIST'S CERTIFICATE.

This is to certify that on May 21st, 1897, I personally examined all stock of the Amsterille Wholesale. Murseins, and Jamed it entirely free From Dan Jose Reale and otherwise in excelle it condition.

Entomologist-of State Exper. Sta., Autum, Ma.

DISTRIBUTING POINTS.

We are making St. Louis, Mo., Cincinnati. Ohio, Rochester, N. Y., and Philadelphia, Pa., distributing points; and will deliver free of freight charges to transfer companies, at either of these places, all orders in car lots, or in less than car lots, to be shipped from Huntsville on the dates named below:

For St. Louis-Early shipments from September 20th to October 10th; late ship-

ments from October 25th to December 10th.

For Cincinnati, Rochester and Philadelphia-November 1st.

The orders will be packed in Huntsville, and those for less than car lots will be combined to make up car lots and shipped to these points and distributed promptly to the various railroads centering there. This plan insures quick time and low freight rates. Orders for less than car lots must be boxed at Huntsville. The price of boxes will be additioual.

This offer to deliver to distributing points free of freight charges will not apply to less than car-lot orders, if shipment is required at other than the above named dates; but we will ship car-lot orders at any time after September 20th anywhere desired within the territory tributary to the cities designated, and will deduct from

the bill the cost of freight to the nearest distributing point

In this issue of our price list we show the numbers, sizes and prices of all varieties remaining unsold to date. Correspondents should, however, give us the privilege of substituting varieties, sizes and prices, as far as it can be allowed, if in a hurry for shipment, as we do not substitute, as a rule, without permission.

Quarantine restrictions are removed at Biloxi, Miss., and we can now ship promptly from there.

GRADE-COUNT QUOTATIONS.

The publication of this list abrogates previous quotations.

Except where prices are agreed upon, these quotations are subject to change without notice. See Terms and Conditions governing these quotations on another page.

Should the grade ordered be sold, state whether the next higher or lower grade may be substituted

| PEARS, Standard. Two Years. Root-grafts. | 1 to 1¼ in. Extra. Per M *80 | 5 to 7 feet % to 1 in. Per M \$65 | 11-16 to 3/4 Per M \$50 | 9-16 to % Per M \$50 | 4 to 5 ft. 1/2 to 9-16 Pr M \$45 | 4 to 5 ft. Per M \$40 |
|--|------------------------------------|---|----------------------------|-------------------------|--|--------------------------|
| Kieffer | 1100 | 2080 | | | | |

These were very strong, handsome one-year trees, mostly 4 to 5 feet high, and many of them % inch calibre. They were grown from root-grafts, transplanted at one year old, cut back to the ground and one shoot allowed to grow. They have the appearance of two-year bads, and are very fine roots and tops.

| PEARS, Standard, 1 to 1½ in. Extra. Budded on Trans- planted Stocks Garber | Edifice. 5 to 7 feet 3/4 to 1 in. Per M \$65 " C 7.50 | 11-16 to 3/4 Per M \$60 C 7 | " C | 9-16 to % Per M C | |
|--|---|-----------------------------------|----------|-------------------------|-------------|
| | r C \$10 I | Pr C \$9.50 | Pr C \$9 | Pr C \$8 125 | Pr C \$7.50 |
| BRARS Clandad) Event. | Evade. | Evict. | Evening. | | |

| PEARS. Standard. | Event. | Evade. 4 to 5 feet | Evict. 3 to 4 feet | Evening. 2 to 3 feet |
|--|--------|-----------------------|-----------------------|-------------------------|
| One Year. } Special Varieties. Little if any bran. | " C 10 | " C 8 | " C 7.50 | |
| Koonce | . 2210 | ., | 40 | |

Benson Mollie

| PLUMS, 2 Years, | Knavish 5 to 6 fee 1 to 1 in | t 5 to 6 fee | t 5 to 6 feet | | Knuckle. 4 to 5 feet 1/2 to 9-16 | Koran. 4 to 5 feet 7-16 to 1/2 | Kitchen 3 to 4 ft. |
|--------------------------------|------------------------------------|--------------|---------------|----------------------|--|--------------------------------------|-----------------------|
| On Marianna. Well branched. | Fer M \$7 | 5 Per M \$7 | | Per M \$55 C 6.50 | Per M \$50 C 6 | Per M 840 C 5 | Pr M \$35 |
| Pottawattamie Robinson | 950 | 180 370 | 175 350 | 290 450 | 400 400 | 460 520 | 370 710 |
| Wild Goose | | 210 | 300 | 140 Par (1.010 | 70 B = 0, #10 | D 010 | D. G. 614 |
| SPECIAL. | | | Per C \$11.50 | | Per C \$10 | Per \$10 | Per C \$10 |
| Milton | | 1400 | 370 | 600 | | | 240 |
| Chas. Downing | | 10 | iż | ** | • • | 90 | 240 |
| Marcus | | 10 | | 5 | 15 | 35 | 100 |
| Penning's Peach | | ., | | 5 | 10 | 17 | 40 |
| Harrisons | | | 2 | | 9 | 20 | 45 |
| Knudsons | | 11 | 2 | 10 | 11 | 19 | 20 |
| Jas. Vicks | | 32 | 21 | 39 | 30 | 46 | 25 |
| Col. Wilder | | 18 | 29 | 34 | 30 | 23 | 10 |
| Esther | | 4 2 | 11 | 10 8 | 5 3 | 8 | ** |
| Prairie Flower New-Ulm | | 4 | Co. | - | 111 | 9 | 10 |
| | | | • • | | •• | | |
| ONE YEAR. | | - 12 | | | | | |

57

129

134

158

226

| | | and the second second second second second | | | | | |
|--------------------|-------------|--|---------------------------|-------------|--------------------------|-----------------|--------------|
| AMERICANA | Hammer. | Happen. | Harden. | Harrow. | Hasten. | Hatter. | Haven. |
| | 5 to 6 feet | 5 to 6 feet | | | 4 to 5 feet | | 3 to 4 feet |
| PLUMS. 2 Years. | % to 1 in. | 11-16 to 3/4 | % to 11-16 | 9-16 to % | 1/2 to 9-16 | 7-16 to 1/2 | |
| On Marianna. | Per M \$75, | Per M \$70 | Per M \$65 | | Per M \$50 | | Pe M \$35 |
| ·Well branched. J | C 8.50 | C 8 | C 7 | " C 6.50 | C 6 | C 5 | " C 4 |
| Illinois Ironclad | 8 | 25 | 100 | 140 | 170 | 120 | 140 |
| DeSoto | | 730 | 1020 | 860 | | | 590 |
| Forest Garden | | 2370 | 1090 | 1660 | 2090 | 1200 | 1570 |
| Hawkeye | | 820 | 400 | 720 | 540 | 220 | 550 |
| Quaker | | 360 | 440 | 600 | 300 | 470 | 360 |
| Forest Rose | | . 90 | 25 | 30 | 482 | 20 | 20 |
| Weaver | | 620 | 225 | 360 | 125 | 4470 | 220 |
| Wolf | | 1540 150 | 1850 330 | 2650 780 | 1810. 840 | 1170 300 | 1750 1210 |
| Wyant | 65 | 190 | 330 | 100 | 640 | 300 | 1210 |
| SPECIAL. | | | | 25 | 400 | | |
| Stoddard, | Any s12 | ze 15 cents | 25 | . 65 | 130 | 130 | 90 |
| . u | | | | A | | | |
| ORIENTAL | Hillock. | Hickory. | History. | Hidden. | Hiding. | Heiffer. | Hinder. |
| | 5 to 6 feet | 5 to 6 feet | | 4 to 5 feet | 4 to 5 feet | | 3 to 4 feet |
| PLUMS, 2 Years. | % to ! in. | 11-16 to 3/4. | % to 11-16 | 9-16 to % | 1/2 to 9-16 | 7-15 to 1/2 | |
| On Mariauna. | Per M \$75 | Per M \$70 | Per M \$65 | | Per M \$50 | Pc M \$40 | Per M \$35 |
| Well branched. | " C 8.50 · | " C 8 | " C 7 | " C 6.50 | " C 6 | " U 5 | " C 4 |
| Ogon | 550 | 25 | 170 | 190 | | | |
| Yosobe | | 150 | 120 | 25 | | | |
| Strawberry | | 60 | 40 | . 30 | 30 | | |
| Maru' | 55 | 4 | 3 | 12 | 12 | | |
| Berger | 170 | 135 | 100 | 80 | * 50 * | 55 | |
| Kerr | .: 520 | 110 ' | 90 | 110 | . 30 | | |
| | | | | | | | |
| ODERWINE | T | Tallan | T 27.2.2.2. | T | T / / 3 | T / 10 11 11 11 | ******* |
| | Lesson | Letter. | Liking. | | Limpid. | Linger | Liquor. |
| | | | 4 to 5 feet 9-16 to %, | | 4 to 5 feet 7-16 to ½ | to 4 fet | 2 to 3 ft. |
| On Marianna P | er M \$65 | Per M \$60 | | | Per M \$40 | Per M \$30 | Pr M \$25 |
| Plum. Bran'ed | | " C 7 | . C 6 | " C 5.50 | " C 5 | " C 4 | |
| | | | | 2630 | | | 0.00 |
| Abundance (Botan): | | 1930 1095 | 1910 1320 | 778 | 1000 | 810 | |
| Burbank | | | 1320 | 110 | | • • • | |
| Red June | | 870 | 450 | 600 | 380 | 360 | 168 |
| Satsuma | | 1540 | 2420 | 2900 | 5430 | 3000 | 1000 |
| Willard | | 820 | 840 | 674 | 210 | 56 | 65 |
| | | Pr C \$11.50 | Pr C \$10 | | Pr C \$3 50 | Pr C \$8 | Pr C \$7.50 |
| | 1 0 512 30 | 11 0 911.00 | 11.0 910 | 110 99 | 110 \$3 30 | | |
| Wickson | | | | | | 150 | 250 |

Satsuma in lots of 300 or more 7-16 to 1/2, \$35 per 1000; 3 to 4 feet, \$30; 2 to 3 feet, \$25 per 1000.

PLUMS ON PEACH.

| 1617 } % to 1 in. | Helmet. Hemlock. 5 to 6 feet 11-16 to 3½ ½ to 11-16 Per M \$60 Per M \$90 "C 6 470 1300 1000 900 620 720 330 1000. | 4 to 5 feet 4 to 9-16 to % 1/2 Per M \$15 Per (5.50 " | 3500 | Pr M \$20 |
|--|--|--|--|-----------------------|
| CHERRIES 2 Yrs 3 ft. & up. 3 f | Oblige. Oblong. 5 to 6 feet 4 to 5 feet 11-16 to 3/4 5/4 to 11-16 Per M \$45 Per M \$40 " C 5.50 " C 5 | 4 to 5 feet 4 to 9-16 to \(\frac{5}{8} \) | Office. Onward. 5 5 feet 3 to 3 feet to 9-16 r M \$30 Per M \$25 C 4 " C 3 | 2 to 3 ft PrM \$30 |
| B. Tartarian Dyehouse | 1700 2530 10900 12670 620 1200 500 200 100 180 15 100 1670 1045 250 800 | 2400 12 7420 48 1350 12 130 2050 27 350 8 700 13 | 60 60 25 40 | |

The Early Lamaurie belongs to the H. & B. class, very hardy and prolific, Ripers with or before Early Purple Guigne; color black. Holds its foliage better than any other in the South.

Use the Nurserymen's Telegraph Code. Anyone not in possession of a copy will be supplied upon application.

APPLE SEEDLINGS, No. 1, 3-16 and up. \$3.00 per 1000; No. 2, 2-16 to 3-16, \$1.50 per 1000 in 5000 lots at Huntsville. Less quantities, 50 cents per 1000 additional.

PEACH TREES -- On Peach, Leading Varieties.

Our Peach Trees are budded on seedlings grown from Tennessee and Alabama Pits. They are free from Aphis or Root-knots, and have fewer borers than those from most nurseries. We can supply beautiful medium and small-sized peach trees. The lands upon which our peach trees are grown this jvear produces a light, well-matured tree, with fine roots. These trees will answer well the purpose of "June Bads," and are very much better to transplant, as they will be well matured to the terminal bud, while June Buds are often tender at the tips. The little trees we offer should not be confounded with the little culls left after the larger trees have been dug and offered so cheaply by other nurseries. Our peach trees have been grown with especial reference to the Southern trade, where small sizes are mostly wanted. The Yellows and Rosette are unknown in this locality, and we have been careful not to bring in any bods from affected localities.

any buds from affected localities.

| 95 AFE #3 555 | Ransom. | Rattle. | Rebate. | Recite. | Render. | | |
|-----------------------|-------------|-------------|-------------|--------------|-------------------|--------------|--------------|
| LEVAU TARRA | 5 to 6 feet | 4 to 6 feet | 4 to 5 feet | | | | 1 to 2 feet |
| One Year. | } % & up. | .9-16 to % | ½ to 9-16 | 7-16 to ½ | Under7-1 | | |
| | Per M \$30 | Per M \$30 | Per M \$2 | | | | |
| On Peach Stock. | " C 4 50 | " C 4 | " C 3 | 3 " C 3 | " C | 3 " C 2 | " C 1 50 |
| Alexander | | | 635 | 1900 | 5620 | 1650 | |
| Allbright's Octobe | r 140 | | 220 | 500 | 1650 | : -800 | 100 |
| Amelia | 125 | 35 | 760 | 750 | 2575 | 1000 | 125 |
| Amsden | | 120 | | 850 | 1300 | 1250 | 350 |
| Blood Cling | | | 10 | 120 | 550 | 1980 | 1100 |
| Belle of Ga | | 50 | 290 | 1890 | 4000 | 1700 | 700 |
| Beer's Smock | | 140 | 710 | 1400 | 5280 | 2800 | 475 |
| Chinese Cling | | | · | 550 | 680 | 2100 | 750 |
| Crosby | | * * | . 50 | 50 | 1850 | 1850 | 650 |
| Columbia | | 80 | 25 | . 20 | 280 | 630 | 800 |
| Crawford's Early | | 40 | | 285 | 450 | 1330 | 650 |
| Crawford's Late | | 140 | 30 . | 600 | . 1130 | 1420 | 1650 |
| Early Rivers | | 140 | 835 | 1850 | 885 | 800 | 1450 |
| Early Tillotson , | | 225 | 700 | 930 | 1370 | 1680 | 1030 |
| Elberta | | 70 | 40 | 490 | 915 | 1800 | |
| Family Favorite | | | 40 | 125 | 1000 | 1200 | 600 400 |
| Foster F. St. John | ****** | | ** | 1100 | 3400 | 4600 | 1000 |
| Gold Dust | | 90 | • • | 1100 | 1000 | 2820 | 1250 |
| Globe | | 00 | ** . | | 1280 | 1500 | 1300 |
| General Lee | 40 | 65 | | 60 | 1100 | 1800 | ± 900 |
| Hynes Surprise | | 80 | 100 | 500 | 1630 | 910 | 160 |
| Heath Cling | | | | , | 1300 | - 570 | 810 |
| Lady Ingold | | | | 1520 | 4100 | 1400 | 700 |
| Lemon Cling | | | | 1030 | 1530 | 920 | 300 |
| Mamie Ross | | 460 | | 960 | 1980 | 780 | 280 |
| Mountain Rose | | | 340 | 2720 | 7250 | 1750 | 170 |
| Old Mixon Free | | | | 560 | 2500 | 1290 | 300 |
| Reeves' Favorite | | | | 830 | 3350 | 3115 | 1015 |
| Salway | 10 | 4 | | | 1300 | 2620 | 1600 |
| Susquehanna | 20 | 30 | 70 | 230 | . 1700 | 2340 = | 1160 |
| Stump | | | | | 1960 | 2600 | 620 |
| Sneed | | 525 . | 1300 | 2835 | 6050 | 4500 | 850 |
| Stephenson's Rare | | **, | *,* | 300 | 1340 | 2175 | 1031 |
| Thurber | | *00 | 2000 | 40 | . 0*000 | 3160 | 2300 |
| Triumph | | 520 | 3600 | 5600 | 35000 | 11400 | 5400 |
| SPECIAL. | | | Per C \$6 I | Per C \$5.50 | Per C \$5 I | Per C \$4.50 | Per C \$3.50 |
| Greensboro | | | 390 | 540 | [*] 3600 | 3240 | 1200 |
| GIOGEOGIO | | | | | | | 200 |

Tadpole.

4 to 5 feet 3 to 4 feet 9-16 to 56 1/2 to 9-15
Per M \$60 Per M \$45 Tactics. Tangle. Our Quinces are all grafted 3 to 4 feet 7-16 to ½ Per M \$30 C 4 4 to 5 feet 5% to 11-13 Per M \$75 " C 8 50 from wood cut from bearing trees, so that we know them to be genuine It is impossi-ble to keep a lot of budded quinces pure. 1200 890 760 840

These two-year-old Quinces were headed back to 18 inches in Spring and are uniformly branched and handsome, except the 2 to 3 feet size, which are more or less branched.

| QUINCES, I Year, | 4 to 5 feet Per M \$60 | 3 to 4 feet Per M \$35 | 2 to 3 feet Per M \$25 | Grafts tr |
|------------------|---------------------------|---------------------------|---------------------------|-------------|
| Transplanted. | " C 7 | " C 5 | " C 3 | ance of one |
| Orange, | 5680 | 3500. | 2100 | |
| Meech | | 1800 | 400 | |

cansplanted. Cut back to ne year and have the appearyear buds.

GRAPE VINES.

These Vines are grown for us by one of the most successful growers of Grape Vines at Fredonia, N.Y. We guarantee them equal to the very best produced in quality and grade.

| | | | Class, | | Class, |
|--------------------------------|---|--------------|----------|---------|----------|
| | , | | year. | | years. |
| Leading Varieties. | | Mar | shall. | Ma | ntel. |
| | P | er 100 | Per 1000 | Per 100 | Per 1000 |
| (T) NY 150 | | | | | |
| Agawam (Rog. No. 15) | | 1 90 | \$ 12 00 | \$ 2 20 | \$ 18 00 |
| Birry Rog. No. 43) | | 11 00 | 100 00 | 16 00 | 150 00 |
| Brilliant | | 35 00 | 300 00 | 45 00 | 400 00 |
| Brighton | | 1 60 | 15 00 | 2 50 | 20 00 |
| Catawba | | 1 30 | 11 00 | 1 70 | 15 00 |
| Catawoa | | 1 10 | 10 00 | 1 60 | 14 00 |
| Champion or Tallman | | | 7 00 | | |
| Concord | | 90 | | 1 40 | 11 00 |
| Cynthiana | | 6 50 | 60 00 | 9 00 | 80 00 |
| Delaware | | 2 50 | 22 00 | 3 30 | 30 00 |
| Diamond | | 1 80 | 14 00 | 2 50 | 20 00 |
| Dracut Amber | | 2 20 | 20 00 | 3 30 | 30 00 |
| Duchess | | 2 30 | 20 00 | 3 30 | 30 00 |
| Duchess | | | 35 00 | 5 50 | 50 00 |
| Eaton | | 4 00 | | | |
| Early Ohio | | 9 00 | 80 00 | 12 00 | 110 00 |
| Early Victor | | 2 80 | 25 00 | 4 50 | 40 00 |
| Elvira | | 1 20 | 11 00 | 1 70 | 15 00 |
| Empire State | | 2 00 | 18 00 | 2 80 | 25 00 |
| Gethe (Rogers' No. 1) | | 6 50 | 60 00 | 10 00 | 90 00 |
| Gothe (Rogers No. 1) | | 9 00 | 80 00 | 13 00 | 120 00 |
| Green Mountain | | | | | |
| Hartford | • | 2 20 | 20 00 | 3 30 | 30 00 |
| Hebermont | | 7 00 | 65 00 | 10 00 | 90 00 |
| Ives | | 1 20 | 11 00 | 1 50 | 14 00 |
| Jessica | | 6 00 | 55 00 | 8 00 | 75 00 |
| Lady | | 2 20 | 20 00 | 3 30 | 30 00 |
| Lindley (Rog. No. 9) | • | 1 50 | 12 00 | 2 00 | 18 00 |
| Lindley (Rog. No. 9) | | 6 50 | 60 00 | 9 00 | 80 00 |
| Lutie | | | | | |
| Martha | | 2 00 | 18 00 | 3 00 | 30 00 |
| Massasoit (Rog. No. 3) | | $2\ 20$ | 20 00 | 3 30 | 30 00 |
| Merrimac (Rog. No. 19) | | 2 20 | 20 00 | 3 30 | 30 00 |
| Moyer | | 2 00 | 20 00 | 3 (0 | 27 00 |
| Moore's Early | | 1 60 | 14 00 | 2 50 | 22 00 |
| Moore's Early | • | 2 20 | 20 00 | 3 30 | 30 00 |
| Mo. Reissling | | | 9 00 | | |
| Niagara | • | 1 00 | | 1 60 | 14 00 |
| Norton | | 5 50 | 50 00 | 8 00 | 75 00 |
| Perkins | | 4 50 | 40 00 | 6 50 | 60 00 |
| Pocklington | | 1 20 | 10 00 | 1 60 | 14 00 |
| Prentiss | | 5 50 | 50.00 | 8 00 | 70.00 |
| Salem | | 1 50 | 12 00 | 2 50 | 20 00 |
| Salem | | 1 60 | 15 00 | 2 50 | 22 00 |
| Vergennes | | | | | |
| Wilder | , | 2 20 | 20 00 | 3 30 | 30 00 |
| Woodruff Red | | 6 00 | 55 00 | 8 00 | 80 00 |
| Worden | | 1 00 | 9 00 | 1 60 | 14 00 |
| Wyoming Red | | 1 60 | 15 00 | 2 20 | 20 00 |
| y your man a second the second | | . (M | ambla) | | ~ ~ ~ |

No. 2 one-year vines, two-thirds the price of No. 1 one year. (Marble) Two-year No. $1\frac{1}{2}$ vines, of most kinds, one-half between price of two-year No. 1 and one-year No. 1. (Madame)

Grape Vines f. o. b. at Fredonia, N. Y.

TRADE DISCOUNTS ON GRAPE VINES.—\$3.00 to \$10.00 worth at 100 rates. \$10.00 to \$25.00 worth at 1,000 rates. \$25.00 to \$100.00 worth 10 per cent. discount from 1,000 rates. Over \$100.00 worth, send list for Special Prices.

| MULBERRIES. 2 Yrs. Well Branched. New American |) Wabble. | Wagon. | Wander. 4 to 5 feet 9-16 to % Per M \$75 C 8 90 110 | For Spring delivery we will supply these Mulberries from Huntsville or St. Louis. If wanted for Fall deliv- ery, they must go from Biloxi, Miss. They are well matured, hard and sound to the tips. |
|--|-----------|--------|---|--|
|--|-----------|--------|---|--|

ORANGE AND MEECH QUINOE—In thousand lots one year from graft, for "lining out," cut back to 10 inches, per 1000, \$15.00. REAS AND CHAMPION, \$25.00 per 1000.

APPLE SEEDLINGS—No. 1 and No. 2. Nebraska grown. Prices upon application.
MOSS, baled in wire, at Wisconsin points. Special figures.

PECANS--Texas Seed. Thin Shell.

Per 1000, 4 to 5 feet, \$140; 8 to 4 feet, \$125; 2 to 3 feet, \$100.

These are young, thrifty trees and we can supply several thousands.

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|---|------------------|-------------------|--------------------|--|
| Field-Grown. | | Per M \$50 C 6 | Per M \$35 | |
| L'Enfant du Mt.Carmel | 1400 | 2200 | 2000 | |
| Anna de Diesbach Coquette des Alps | | . *** | 142 170 | Grown from cuttings. Price of boxes or bales to be added. Deliv- |
| Baron Prevost | 450 | 1300 | 20 1900 | ered at depot at Biloxi. On orders |
| Caroline de Sansal François Levet | **** | 580 | 300 | sent in by Northern customers for Spring delivery, we will pay freight |
| Gen. Jacqueminot John Hopper | 5180 | 780 3630 | $\frac{240}{3740}$ | to St. Louis, and hold in cold storage there until wanted. The No. 1 plants |
| Jules Margottin | 2900 | 400 3380 | 365 4060 | will have three or more branches |
| Magna Charta La Reine | 1960 | 1160 | 1180 | and will be cut back to 24 to 30 inches. The roots are very fine. |
| Margaret Dickson PrinceCamille deRohan | 480 | 340 600 | 400 | We make a grade of Roses called No. 1%. This grade will be made up |
| Vick's Caprice | 210 | 100 | 50 | of plants just under No. 1, such as |
| TEAS AND NOISETTES. | | | | do not have the required number of branches or slightly under weight |
| Duchess de Brabant | 160 | 309 | 140 240 | and height, and makes a very nice |
| Etoile de Lyon Mad. Camille | *** | .55 | 75 | grade for mailing. Price 30 per cent. off the price of No. 1. |
| Solfaterre | 300 | 250 | 100 | No. 2 PLANTS OF ABOVE VARIETIES FOR TRANSPLANTING AT ONE-HALF |
| BOURB'NS&HYBRIDTEAS Caroline Testout | | | 100 | THE PRICE OF NO. 1. The tops of No. |
| Capt. Christy | | 30 | 55 | 2 plants will be cut back to 2 or 3 inches, as they are only intended for |
| POLYANTHUS. | | | | transplanting. |
| Clothilde Soupert | 130 | 40 | 160 | |
| Mosses. | 140 | | 000 | |
| Blanche Moreau Blanche Robert | 140 160 | 330 280 | 930 6 30 | |
| Comptesse de Murinais. | 680 1000 | 700 875 | - 360 500 | |
| Princess Adelaide Henry Martin | 300 450 | 50v | 450 275 | |
| Capt. John Ingram Luxemburg | 325 | 410 120 | 110 | STANDARD PEARS == One Year |
| MISCELLANEOUS. | | | | Cuttings—Let'onte, (farber, per 1000, 5 to 6 feet, \$50; 4 to 5 feet, \$40; 3 to |
| Gem of Prairie | 830 360 | 630 340 | 470 530 | 4 feet, \$35 |
| Cl. Victor Verdier Empress of China | 830 | 370 | 80 | PLUMS== One Year, on Plum- |
| Harrison's Yellow Wichuraiana | 770 700 | 300 | 110 1300 | Satsuma, Robinson, Pottawatta- mie, per 1000, 5 to 6 feet, \$65; 4 to 5 |
| wichuraiana | | Per M \$70 | Pr M \$50 | feet, \$50; 3 to 4 feet. \$30. |
| | Pr M \$100 | " C 7 | . " C 5 | MULBERRIES== Very Fine-Now |
| MARECHAL NEIL, Grafts Crimson Rambler | 5800 | 1850 | 1150 1440 | American and Downing, two years, per 1000, 3/4 to 1 inch. \$100; 3/8 to 3/4, |
| Crimson Ramoler | Pr M \$150 | | | \$80; 9-16 to 5-8, \$75. |
| TI D | " C 16 | | | FIGS-Assorted, one year, 4 to 5 |
| YELLOWRAMBLER, Agl'a | 12700 | *** | *** | feet, \$8.50 per 100; 3 to 4 feet, \$8.00 per 100; 2 to 3 feet, \$7.00 per 100. |
| | Pr M \$35 C 4 | Pr M \$25 F | Pr M \$17.50 | |
| Baltimore Belle | 12250 | 7350 | 5000 | |
| Queen of the Prairie | 8140 8920 | 5800 4620 | 4460 3000 | |
| Madame Plantier | 6150 | 4315 | 5870 | |

STANDARD PEAR TREES .- Two and Three Years.

Kieffer, LeConte, Idaho, % to 1 inch, \$75; 11-16 to %, \$70; % to 11-16, \$60; 9-16 to 5-8, \$50 per 1000.

STANDARD PEARS .- One Year Buds.

| Kieffer, | per 1000, 5 | to 6 feet | , \$ 50; | 4 to 5 fee | et, \$40; | 3 to 4 feet | , \$35 |
|------------|---------------|-----------|----------|------------|-----------|-------------|--------|
| Ea Harves | st, per 1000. | . 66 | 100; | 6.6 | 80; | 6.0 | 65 |
| Garber. | per 1000. | 1 66 | 50: | 64 | 40; | 4.4 | 35 |
| Cincinnis. | per 100. | 6.6 | 25: | 6.6 | 20: | 6.6 | 15 |

Terms and conditions governing above quotations are the same as those given by the Huntsville Wholesale Nurseries.

Terms and Conditions Governing Quotations in the Price hist of the Huntsville Wholesale Nurseries.

RATES.—As we send this list to the trade only, RATES.—As we send this list to the trade out; we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. formly tie in bunches of 10, when consistent with the order, and we suggest to our customers with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety, will be charged at the rate per hundred. orders requiring 300 trees or more, and not less than 10 of a variety, will be f'led at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

SEASON.—Our packing and shipping season begins by the 20th of September, and continues until about the first of March.

We have great advantages to offer here early shipments for the North in Spring. early snipments for the North in Spring. We do not accept orders for trees we do not grow, as we never buy trees to sell again. You can depend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

SHIPPING DIRECTIONS.—We respectfully beg our patrons to furnish us with explicit direc-tions as to shipping, and the mode of conveyance

by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. But in no case do we assume any responsibility as to safe delivery and condition of Trees and Plants

after a proper shipment by us.

RELEASE.—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. take forwarder's receipt and man to consigned. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Yalue less than \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification, and we will assume it to be proper chassingation, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the con-trary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

PACKAGES.-The cost of package must be added to the prices quoted in this list, as follows: Boxes 30 inches square, from 7½ to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

PACKING.-Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

Assortments.-We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without per-

CAUTION.—We accept all orders upon the condition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control

TERMS.-Cash. When desired, we will allow 30 to 60 days from date of shipment to responsible,

prompt-paying customers. Parties with whom we have had no business transactions, will save time by sending reference, with order. We wish it expressly understood that payment is wish it expressly understood that payment is expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To days of grace in which to make returns. To northern customers, who wish to lay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 8 per cent understood. Interest at the late of 5 per cent per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to stand.

FORMS OF PAYMENT.—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, how-ever, accept checks from those of our customers ever, accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange", or add ¼ of one cent. to the amount of the bill for the cost of collection.

GRADES.—We grade very carefully, in some

GRADES.—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. When graded to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the f feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet grade must be ordered.

GUARANTEE OF GENUINENESS .- While we exercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for

ACCEPTANCE.—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the boxes in which they are packed, with-out notice of complaint to us and without our orders for their disposition.

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We offer the following lands at HUNTSVILLE, ALA., and BILOXI, MISS., for one-third cash, balance in one, two and three years, with six per cent. interest, and will give purchasers contracts to grow nursery stock sufficient to pay the deferred payments:

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Two tracts of 50 acres each adjoining the Biloxi Nurseries,

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Two tracts of 40 acres each in the heart of Ozarks. Fine orchard land. Unimproved Price per acre \$5.00.

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The above are very rare.
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Pear, 1 year, 4 to 6 mm.
Pear, 1 year, 4 to 6 mm.
These are branched roots.
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Apple, 1 year, 5 to 8 mm.
Apple, 1 year, 3 to 5 mm.
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Large stock of other Fruits and Ornamentals at lowest prices. Prices and particulars of the above given on application. Order early and

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